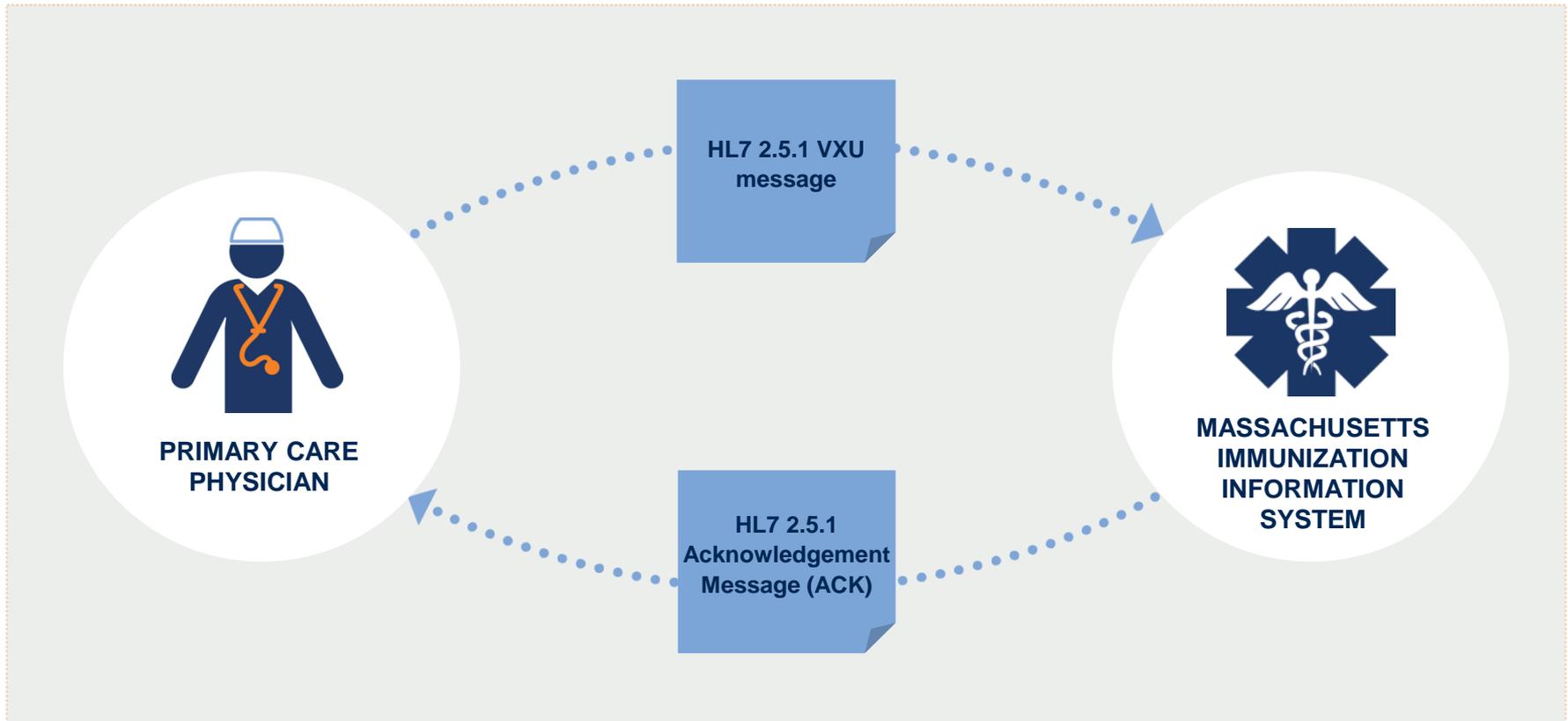


# PUBLIC HEALTH REPORTING USE CASE

## IMMUNIZATION DATA FROM PRIMARY CARE PHYSICIAN TO MASSACHUSETTS IMMUNIZATION INFORMATION SYSTEM (MMIS)



### GOAL

To achieve Meaningful Use objective- submission of electronic data to immunization registry and to meet M.G.L. c. 111, s.24M, which requires all licensed healthcare providers who administer immunizations to report all immunization data to the Massachusetts Immunization Information System (MIIS).

## IMMUNIZATION DATA FROM PRIMARY CARE PHYSICIAN TO MASSACHUSETTS IMMUNIZATION INFORMATION SYSTEM (MMIS)

### ORGANIZATION

Ambulatory Practice and the Massachusetts Department of Public Health.

### GOAL

To achieve Meaningful Use objective- submission of electronic data to immunization registry and to meet M.G.L. c. 111, s.24M, which requires all licensed health care providers who administer immunizations to report all immunization data to the Massachusetts Immunization Information System (MIIS).

### TRADING PARTNERS AND SYSTEMS

- Organization A - ambulatory practice, using EHR interface to submit immunization data to MIIS via the Mass Hlway;
- Organization B – Mass Department of Public Health using MIIS.

### DATA TO EXCHANGE

- HL7 2.5.1 VXU message from ambulatory practice to Mass DPH;
- HL7 2.5.1 ACK message from Mass DPH to ambulatory Practice.

### STORY

A provider administers an immunization to a patient and this data is entered into the patient's record within the practice's EHR. The EHR then sends this information as an HL7 2.5.1 VXU message to the Massachusetts Immunization Information System (MIIS) at the Massachusetts Department of Public Health via the Mass Hlway. The message is sent to MIIS's Mass Hlway Direct Address.

MIIS processes the message and determines it was received successfully. At this point an HL7 2.5.1 ACK message is generated and sent back to the ambulatory practice's EHR to confirm successful receipt of the original message.